

do so. For example, if the user wishes to wear a transparent face shield or safety goggles over a pair of eyeglasses, the illumination assembly 20 can be detached from the eyeglasses and remounted on the face shield or safety goggles. --

IN THE CLAIMS:

*Sub B1* 21. (Once Amended) An illumination assembly for dental and medical applications comprising;

- a. a lightweight, flexible light guide having an input end and an output end, the input end being adapted for connection to a remote illumination source;
- 5 b. a small, lightweight housing having an input end having an interior surface that defines a light guide opening and an output end having an interior surface that defines an illumination opening, the output end of the light guide extending within the light guide opening and being aligned so that light therefrom illuminates the illumination opening;
- c. only a single lens mounted within the interior surface of the output end 10 of the housing, said lens being an aspheric lens thereby providing a light source of such weight and size that it may be mounted to headgear so that an illumination beam therefrom substantially corresponds to the user's line of sight, and
- d. means for attaching the housing to the headgear.

*Sub B2* 30. (Once Amended) The illumination assembly of Claim 29 wherein a binocular telescope is mounted on the eyeglasses and the attaching means is removably attached to the